

IN THE CLAIMS:

1. (currently amended) A transparent article comprising
a thermoplastic polymer matrix;
a plurality of domains, each domain encompassing at least one incompatible
filler, dispersed in the ~~polyester~~ thermoplastic polymer matrix, said domains having
a range of dimensions in an axial plane of said article, wherein said dimensions of at
least some of said domains in said axial plane of said article fall within a range of
from about 380 nm to about 720 nm; and
an effective amount of at least one light absorbent composition, wherein said ~~at~~
~~least one~~ light absorbent composition absorbs light in a region of the visible
spectrum at wavelengths that at least substantially covers said range of dimensions
of said domains in said article, to substantially mask any visual haze of said
transparent article; and wherein said transparent article is of single layer
construction.
2. (original) The transparent article of claim 1, wherein said transparent article is an oriented
container.
3. (original) The transparent article of claim 1, wherein said transparent article is a plastic
bottle.
4. (currently amended) The transparent article of claim 1, wherein the thermoplastic polymer
matrix is selected from the group consisting of linear polyesters, ~~branched~~ branched
polyesters, polyamides, ~~polystrene~~ polystyrenes, polycarbonates, polyvinylchlorides,
polyvinylidene dichlorides, polyacrylamides, polyacrylonitriles, polyvinylacetate,
poly acid, polyvinyl methyl ether, ethylene vinyl acetate copolymer, ethylene methyl
acrylate copolymer, low molecular weight polyolefins having 2 to 8 carbon atoms,
and copolymers, terpolymers, and blends thereof.
5. (original) The transparent article of claim 4, wherein said thermoplastic polymer matrix is
a linear polyester matrix selected from the group consisting of polyethylene
terephthalate, polyethylene naphthalate, and polybutylene terephthalate,
polytrimethylene terephthalate, polyethylene isophthalate and copolymers,
terpolymers, and blends thereof.
6. (original) The transparent article of claim 5, wherein said linear polyester matrix is
polyethylene terephthalate or a copolymer thereof.
7. (original) The transparent article of claim 5, wherein said incompatible filler is selected

from the group consisting of thermoplastic polymers other than polyester and clays.

8. (original) The transparent article of claim 5, wherein said incompatible filler is a polyamide.
9. (original) The transparent article of claim 5, wherein said incompatible filler is poly(*m*-xylylene adipamide).
10. (original) The transparent article of claim 1, wherein said incompatible filler is a gas barrier strengthening filler.
11. (original) The transparent article of claim 4, wherein said thermoplastic polymer matrix is a polyamide matrix and wherein said incompatible filler is a clay.
12. (original) The transparent article of claim 1, wherein the article comprises from about 99.5 to about 50 percent by weight thermoplastic polymer and from about 0.5 to about 50 percent by weight incompatible filler.
13. (original) The transparent article of claim 1, wherein said article comprises from about 99.5 to about 50 percent by weight polyethylene terephthalate and from about 0.5 to about 50 percent by weight poly(*m*-xylylene adipamide).
14. (original) The transparent article of claim 1, wherein said light absorbent composition is a colorant.
15. (original) The transparent article of claim 1, wherein said light absorbent composition is a pigment.
16. (original) The transparent article of claim 1, wherein said dimensions of the domains range from about 400 nm to about 600 nm and said light absorbent composition is a red colorant.
17. (currently amended) The transparent article of claim 1, wherein said dimensions of the domains range from about 550 nm to about ~~about 750~~ 720 nm, and said light absorbent composition is a blue colorant.

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27. (currently amended) A transparent article comprising:
- a thermoplastic polymer matrix;
 - a plurality of domains, each encompassing at least one incompatible filler, dispersed in the ~~polyester~~ thermoplastic polymer matrix, the domains having a range of dimensions in an axial plane of the article, wherein the dimensions of at least some of the domains in the axial plane of the article fall within a range of from about 400 nm to about 700 nm; and
 - at least one light absorbent composition, wherein the ~~at least one~~ light absorbent composition absorbs light in a region of the visible spectrum such that X is less than 9.6 in an equation

$$X = \sum (1 - A_i) \times N_i$$

where A_i is the percent of light absorbed at a wavelength i , where N_i is the number of domains per hundred square microns at wavelength i , and where i ranges from 400 nm to 700 nm; and wherein said transparent article is of single layer construction.

28. (original) The transparent article of claim 27, wherein said transparent article is an oriented container.
29. (original) The transparent article of claim 27, wherein said transparent article is a plastic bottle.
30. (currently amended) The transparent article of claim 27, wherein the thermoplastic polymer matrix is selected from the group consisting of linear polyesters, ~~branched~~ branched polyesters, polyamides, ~~polystrene~~-polystyrenes, polycarbonates, polyvinylchlorides, polyvinylidene dichlorides, polyacrylamides, polyacrylonitriles, polyvinylacetate, poly acid, polyvinyl methyl ether, ethylene vinyl acetate copolymer, ethylene methyl acrylate copolymer, low molecular weight polyolefins having 2 to 8 carbon atoms, and copolymers, terpolymers, and blends thereof.
31. (original) The transparent article of claim 27, wherein said thermoplastic polymer matrix is a linear polyester matrix selected from the group consisting of polyethylene terephthalate, polyethylene naphthalate, and polybutylene terephthalate, polytrimethylene terephthalate, polyethylene isophthalate and copolymers, terpolymers, and blends thereof.
32. (original) The transparent article of claim 31, wherein said linear polyester matrix is

polyethylene terephthalate or a copolymer thereof.

33. (original) The transparent article of claim 27, wherein said incompatible filler is a polyamide.
 34. (original) The transparent article of claim 27, wherein said incompatible filler is poly(*m*-xylylene adipamide).
 35. (original) The transparent article of claim 27, wherein said incompatible filler is a gas barrier strengthening filler.
 36. (original) The transparent article of claim 27, wherein the article comprises from about 99.5 to about 50 percent by weight thermoplastic polymer and from about 0.5 to about 50 percent by weight incompatible filler.
 37. (original) The transparent article of claim 27, wherein said article comprises from about 99.5 to about 50 percent by weight polyethylene terephthalate and from about 0.5 to about 50 percent by weight poly(*m*-xylylene adipamide).
 38. (original) The transparent article of claim 27, wherein said light absorbent composition is a colorant.
 39. (original) The transparent article of claim 27, wherein X is less than 9.5.
 40. (original) The transparent article of claim 27, wherein X is less than 9.
 41. (original) The transparent article of claim 27, wherein X is less than 7.5.
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52. (new) The transparent article of claim 5, wherein said incompatible filler is nylon 6.
 53. (new) The transparent article of claim 5, wherein said linear polyester matrix is polyethylene terephthalate modified with isophthalic acid.
 54. (new) The transparent article of claim 53, wherein said incompatible filler is selected from the group consisting of thermoplastic polymers other than polyester and clays.
 55. (new) The transparent article of claim 53, wherein said incompatible filler is a polyamide.

56. (new) The transparent article of claim 53, wherein said incompatible filler is poly(*m*-xylylene adipamide).
57. (new) The transparent article of claim 53, wherein said incompatible filler is nylon 6.
58. (new) The transparent article of claim 27, wherein said incompatible filler is nylon 6.
59. (new) The transparent article of claim 27, wherein said linear polyester matrix is polyethylene terephthalate modified with isophthalic acid.
60. (new) The transparent article of claim 59, wherein said incompatible filler is selected from the group consisting of thermoplastic polymers other than polyester and clays.
61. (new) The transparent article of claim 59, wherein said incompatible filler is a polyamide.
62. (new) The transparent article of claim 59, wherein said incompatible filler is poly(*m*-xylylene adipamide).
63. (new) The transparent article of claim 27, wherein said incompatible filler is nylon 6.
64. (new) A transparent article comprising
a thermoplastic polymer matrix;
a plurality of domains, each domain encompassing at least one incompatible
filler, dispersed in the thermoplastic polymer matrix, said domains having a range of
dimensions in an axial plane of said article, wherein said dimensions of at least
some of said domains in said axial plane of said article fall within a range of from
about 380 nm to about 720 nm;
an effective amount of at least one light absorbent composition, wherein said at
least one light absorbent composition absorbs light in a region of the visible
spectrum at wavelengths that at least substantially covers said range of dimensions
of said domains in said article, to substantially mask any visual haze of said
transparent article; and wherein said transparent article is of multi-layer
construction.
65. (new) The transparent article of claim 64, wherein said transparent article is an oriented
container.
66. (new) The transparent article of claim 64, wherein said transparent article is a plastic
bottle.

67. (new) The transparent article of claim 64, wherein the thermoplastic polymer matrix is selected from the group consisting of linear polyesters, branched polyesters, polyamides, polystyrenes, polycarbonates, polyvinylchlorides, polyvinylidene dichlorides, polyacrylamides, polyacrylonitriles, polyvinylacetate, poly acid, polyvinyl methyl ether, ethylene vinyl acetate copolymer, ethylene methyl acrylate copolymer, low molecular weight polyolefins having 2 to 8 carbon atoms, and copolymers, terpolymers, and blends thereof.
68. (new) The transparent article of claim 67, wherein said thermoplastic polymer matrix is a linear polyester matrix selected from the group consisting of polyethylene terephthalate, polyethylene naphthalate, and polybutylene terephthalate, polytrimethylene terephthalate, polyethylene isophthalate and copolymers, terpolymers, and blends thereof.
69. (new) The transparent article of claim 68, wherein said thermoplastic matrix is polyethylene terephthalate or a copolymer thereof.
70. (new) The transparent article of claim 68, wherein said incompatible filler is selected from the group consisting of thermoplastic polymers other than polyester and clays.
71. (new) The transparent article of claim 68, wherein said incompatible filler is a polyamide.
72. (new) The transparent article of claim 68, wherein said incompatible filler is poly(*m*-xylylene adipamide).
73. (new) The transparent article of claim 64, wherein said incompatible filler is a gas barrier strengthening filler.
74. (new) The transparent article of claim 64, wherein said thermoplastic polymer matrix is a polyamide matrix and wherein said incompatible filler is a clay.
75. (new) The transparent article of claim 64, wherein the article comprises from about 99.5 to about 50 percent by weight thermoplastic polymer and from about 0.5 to about 50 percent by weight incompatible filler.
76. (new) The transparent article of claim 64, wherein said article comprises from about 99.5 to about 50 percent by weight polyethylene terephthalate and from about 0.5 to about 50 percent by weight poly(*m*-xylylene adipamide).

77. (new) The transparent article of claim 64, wherein said light absorbent composition is a colorant.
78. (new) The transparent article of claim 64, wherein said light absorbent composition is a pigment.
79. (new) The transparent article of claim 64, wherein said dimensions of the domains range from about 400 nm to about 600 nm and said light absorbent composition is a red colorant.
80. (new) The transparent article of claim 68, wherein the incompatible filler is nylon 6.

81. (new) A transparent article comprising:
a thermoplastic polymer matrix;
a plurality of domains, each encompassing at least one incompatible filler, dispersed in the thermoplastic polymer matrix, the domains having a range of dimensions in an axial plane of the article, wherein the dimensions of at least some of the domains in the axial plane of the article fall within a range of from about 400 nm to about 700 nm;
at least one light absorbent composition, wherein the at least one light absorbent composition absorbs light in a region of the visible spectrum such that X is less than 9.6 in an equation

$$X = \sum (1 - A_i) \times N_i$$

where A_i is the percent of light absorbed at a wavelength i , where N_i is the number of domains per hundred square microns at wavelength i , and where i ranges from 400 nm to 700 nm; and said transparent article is of multi-layer construction.

82. (new) The transparent article of claim 81, wherein said transparent article is an oriented container.
83. (new) The transparent article of claim 81, wherein said transparent article is a plastic bottle.
84. (new) The transparent article of claim 81, wherein the thermoplastic polymer matrix is selected from the group consisting of linear polyesters, branched polyesters, polyamides, polystyrenes, polycarbonates, polyvinylchlorides, polyvinylidene dichlorides, polyacrylamides, polyacrylonitriles, polyvinylacetate, poly acid,

- . polyvinyl methyl ether, ethylene vinyl acetate copolymer, ethylene methyl acrylate copolymer, low molecular weight polyolefins having 2 to 8 carbon atoms, and copolymers, terpolymers, and blends thereof.
85. (new) The transparent article of claim 84, wherein said thermoplastic polymer matrix is a linear polyester matrix selected from the group consisting of polyethylene terephthalate, polyethylene naphthalate, and polybutylene terephthalate, polytrimethylene terephthalate, polyethylene isophthalate and copolymers, terpolymers, and blends thereof.
86. (new) The transparent article of claim 85, wherein said thermoplastic polymer matrix is polyethylene terephthalate or a copolymer thereof.
87. (new) The transparent article of claim 86, wherein said incompatible filler is selected from the group consisting of thermoplastic polymers other than polyester and clays.
88. (new) The transparent article of claim 86, wherein said incompatible filler is a polyamide.
89. (new) The transparent article of claim 86, wherein said incompatible filler is poly(*m*-xylylene adipamide).
90. (new) The transparent article of claim 81, wherein said incompatible filler is a gas barrier strengthening filler.
91. (new) The transparent article of claim 84, wherein said thermoplastic polymer matrix is a polyamide matrix and wherein said incompatible filler is a clay.
92. (new) The transparent article of claim 81, wherein the article comprises from about 99.5 to about 50 percent by weight thermoplastic polymer and from about 0.5 to about 50 percent by weight incompatible filler.
93. (new) The transparent article of claim 81, wherein said article comprises from about 99.5 to about 50 percent by weight polyethylene terephthalate and from about 0.5 to about 50 percent by weight poly(*m*-xylylene adipamide).
94. (new) The transparent article of claim 81, wherein said light absorbent composition is a colorant.
95. (new) The transparent article of claim 81, wherein said light absorbent composition is a pigment.

96. (new) The transparent article of claim 81, wherein said dimensions of the domains range from about 400 nm to about 600 nm and said light absorbent composition is a red colorant.
97. (new) The transparent article of claim 85, wherein the incompatible filler is nylon 6.